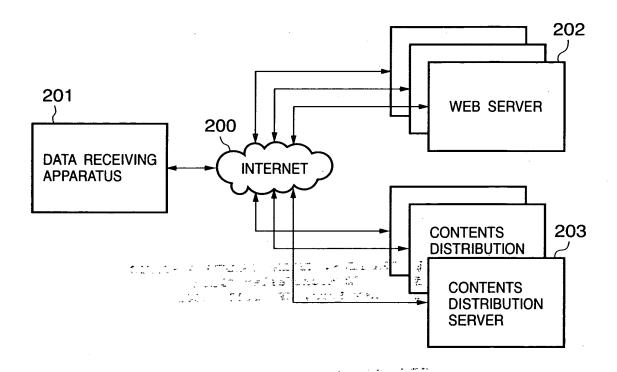


\* \*\*

FIG. 2



17

## FIG. 3

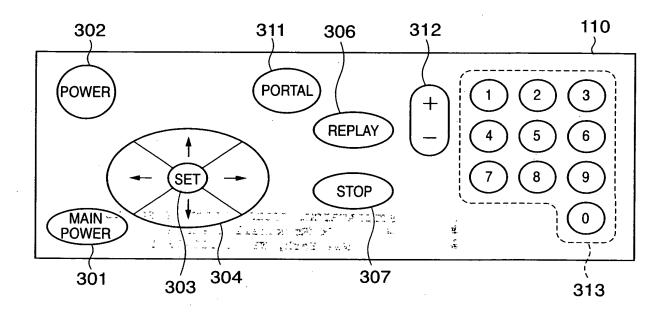
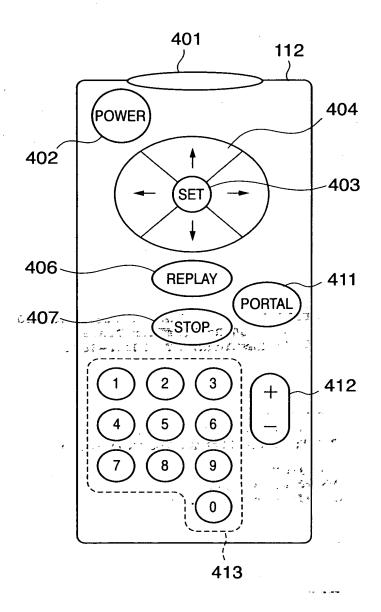


FIG. 4



5/27 **FIG. 5** 

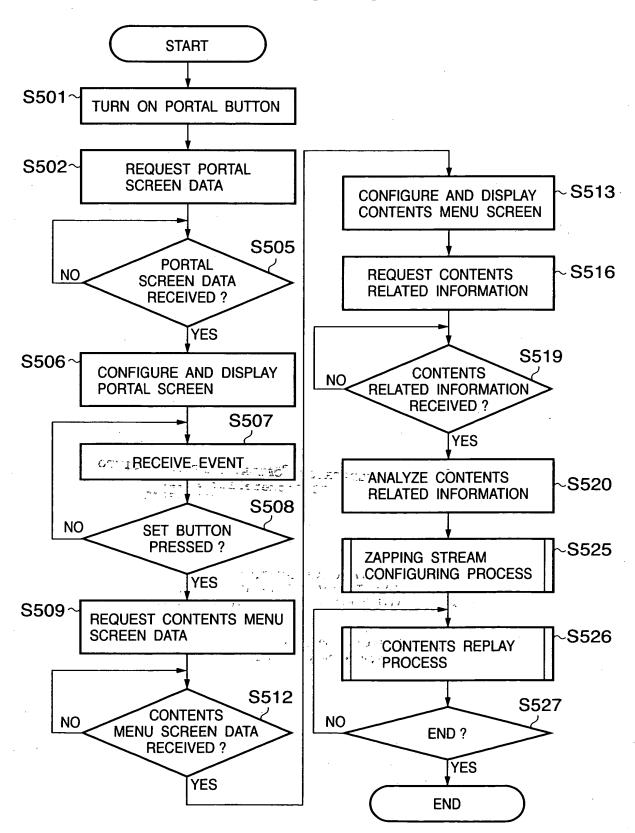
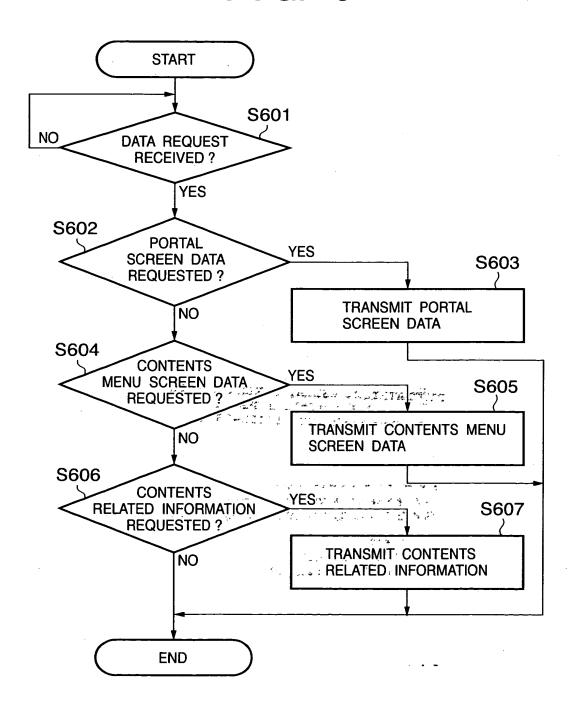
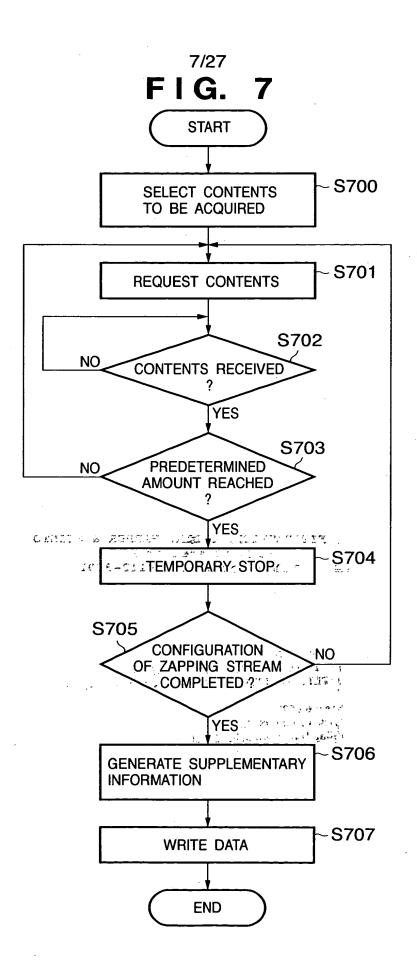
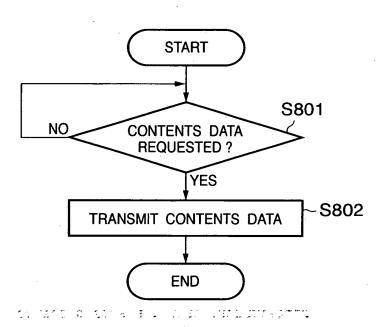


FIG. 6



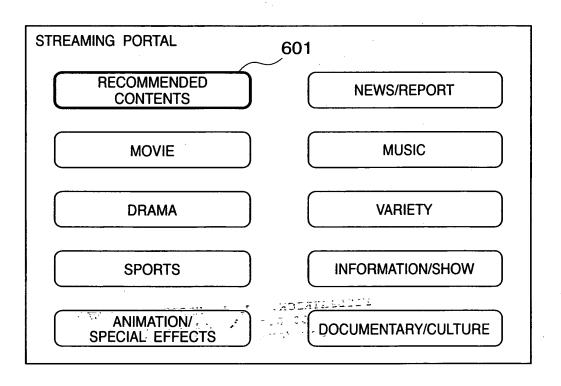


### FIG. 8



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FIG. 9



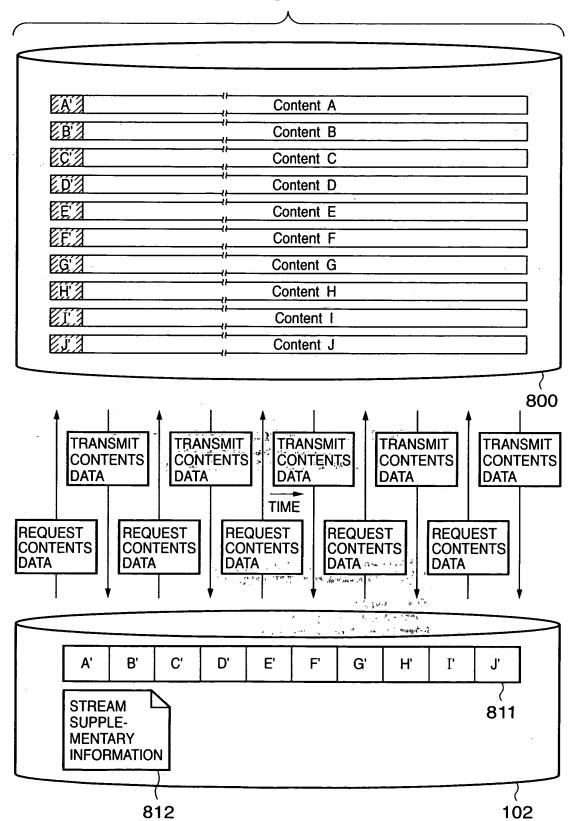
प्रमात्त्रकारी, प्रस्ताप्रदेश तालाम तक प्रमात संस्थापन स्थापन स्थापन

Aberta de Propinsión de la Carte de Propinsión de Propinsión de Propinsión de Propinsión de Propinsión de Prop Propinsión de Pro

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Content J Content D 703 Content C Content H Content F 702 FIG. 10 705 G 10. **Ch** 2: С 4. Ch 6. 다 % 704 RECOMMENDED CONTENTS MENU Content I Content B Content E Content A Content G 703 5 NEWS/REPORT VARIETY DRAMA MOVIE 705~Ch 5. 705 → Ch 9. 705 → Ch 1. 705 → Ch 3. 705 → Ch7.

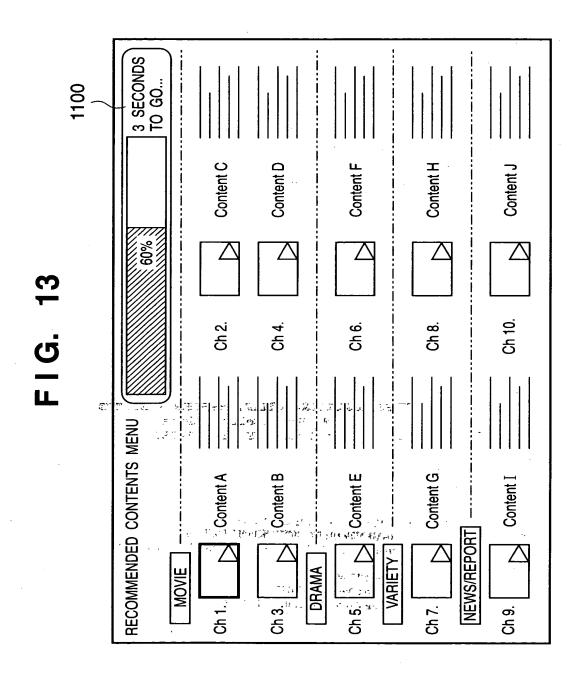
11/27 **FIG. 11** 

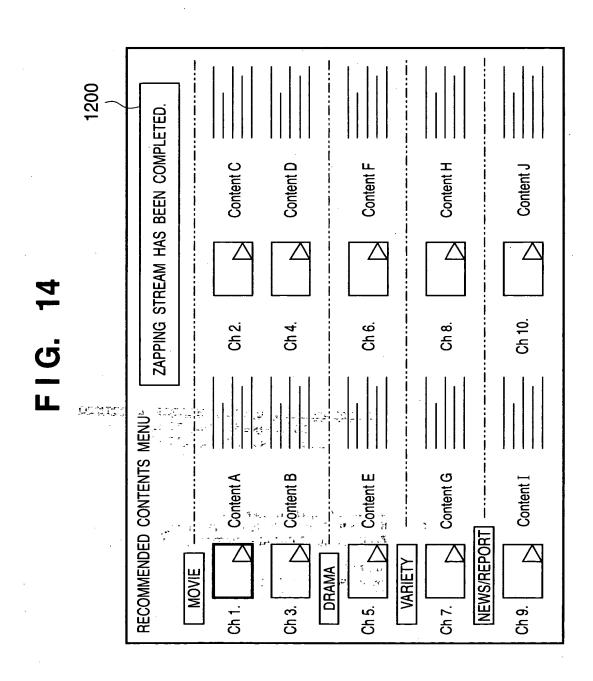


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### FIG. 12

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<zapping_content_list>
 <zapping_stream_name>zap0001.strm</zapping_stream_name>
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 <content_capacity>6000000</content_capacity>
 <content_life>3600</content_life>
 <original_content>
 <component_index>00000000</component_index>
 <original name>content A</original name>
 <original_commenbTHIS IS A MOVIE "CONTENT A".</pre>
 <original genre>MOVIE/original genre>
 <original_bitrate>300000</original_bitrate>
 <original_url>rtsp://canon.jpn/stream/recomend/contentA.strm//original_url>
 <component_capacity>6000000</component_capacity>
 /original content>
 <original content>
 <component_index>0000001</component index>
 <original name>content B</original name>
 <original_comment>THIS IS A MOVIE "CONTENT B".
 <original_genre>MOVIE</original_genre>
 <original_bitrate>300000</original_bitrate>
 <original_url?rtsp://canon.jpn/stream/recomend/contentB.strm/</pre>/original_url>
 <component_capacity>6000000</component capacity>
 ✓original_content>
<- OMITTED - SIMILAR DESCRIPTION ABOUT CONTENTS C TO H>
                      grada kantiju<del>a</del> ji bosi
 <original_content>
 <component_index>00000008</component_index>
 <original_name>content I</original_name>
 <original_coment>THIS IS NEWS "CONTENT I".</original comment>
 <original_genre>NEWS/REPORT</original_genre>
 <original bitrate>300000/original bitrate>
 <original_url>rtsp://canon.jpn/stream/recomend/contentI.strm/</original_url>
 <component_capacity>6000000</component_capacity>
 /original content>
 <original content>
 <component_index>00000009</component index> **
 <original_name>content J</original_name>
 <original_comment>THIS IS A PROGRAM REPORTING "CONTENT J".
 <original_genre>NEWS/REPORT</original_genre>
 <original_bitrate>300000/original_bitrate>
 <original_url>rtsp://canon.jpn/stream/recomend/contentJ.strm/</original_url>
 <component_capacity>6000000</component_capacity>
 ✓original_content>
</zapping_content list>
```





15/27 **F I G.** 15

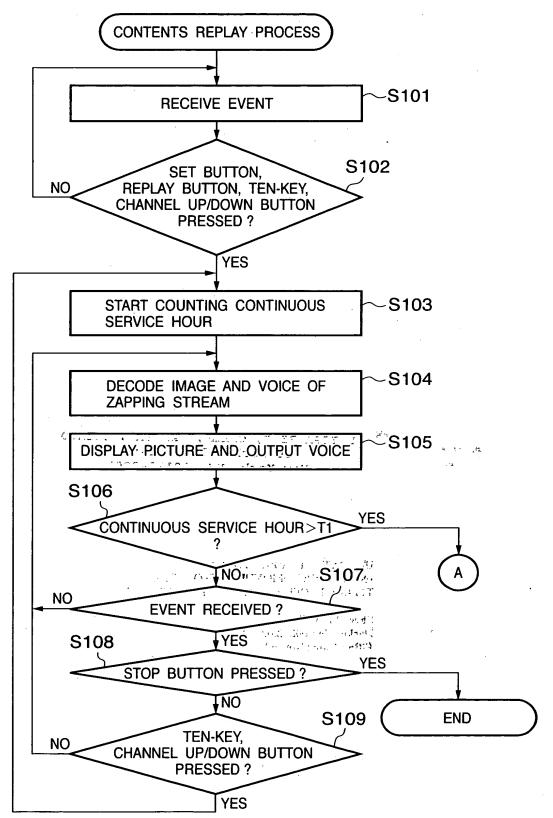
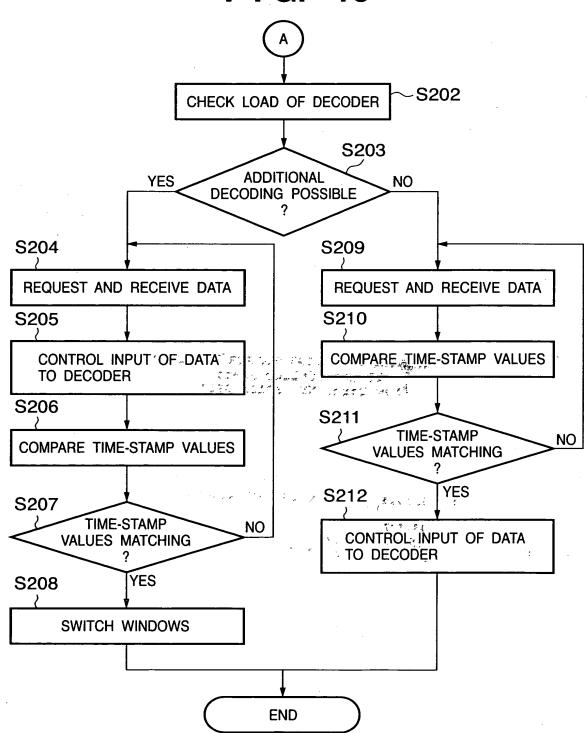
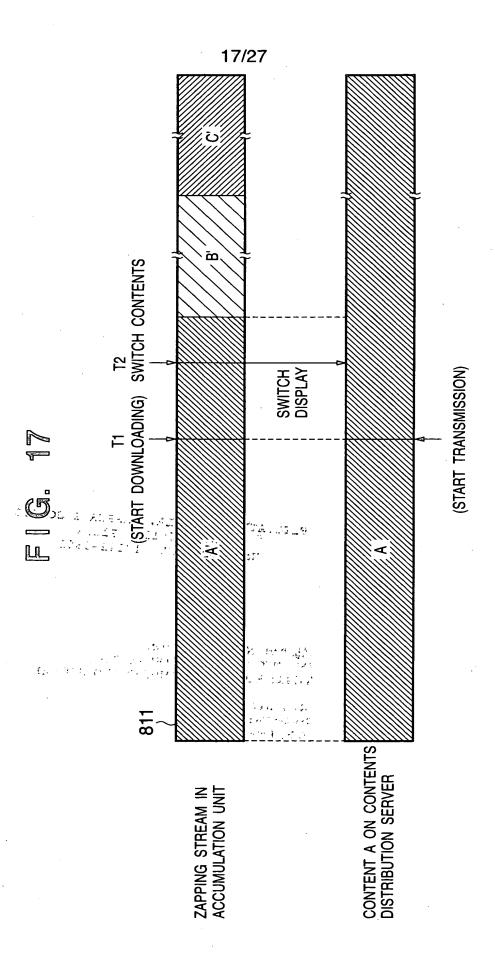
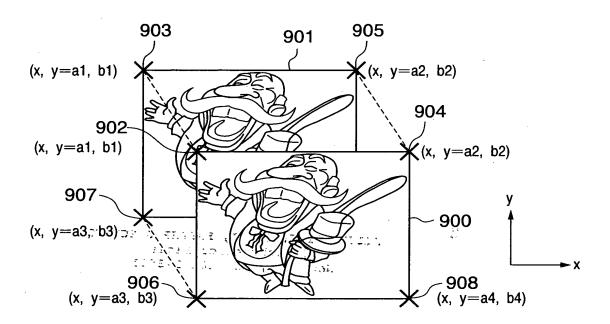


FIG. 16





# FIG. 18



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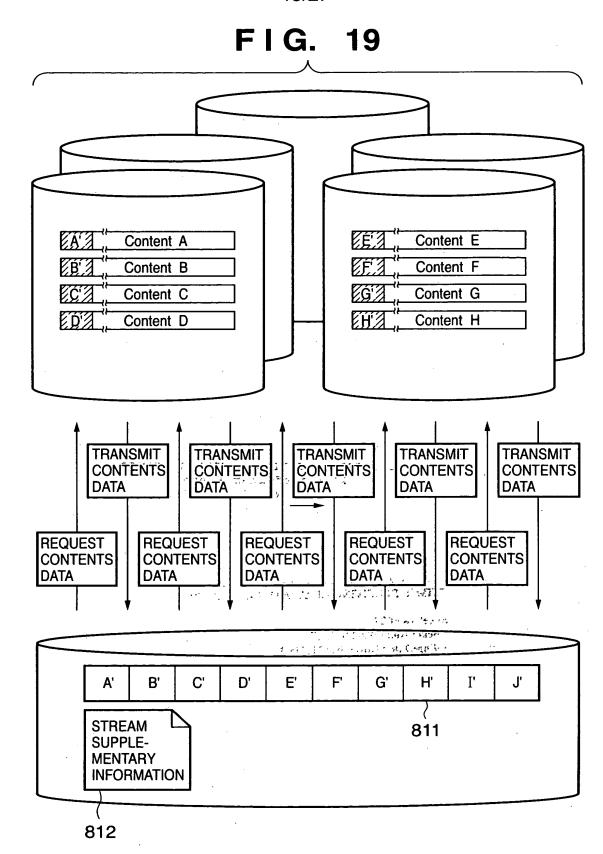
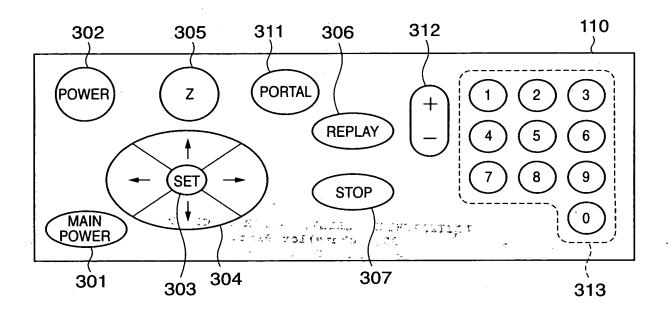
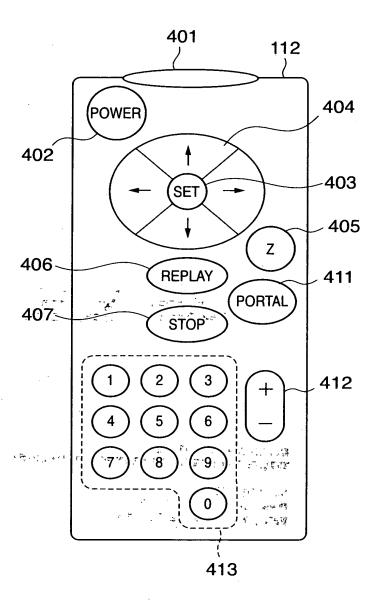


FIG. 20



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FIG. 21



22/27 FIG. 22 **START** S501<sup>^</sup> TURN ON PORTAL BUTTON REQUEST PORTAL S502<sup>-</sup> SCREEN DATA S514 S505 NO ZAPPING BUTTON **PORTAL** PRESSED? NO SCREEN DATA **RECEIVED?** YES YES - S516 REQUEST CONTENTS **RELATED INFORMATION** S506^ CONFIGURE AND DISPLAY **PORTAL SCREEN** S507 S519 **CONTENTS** RELATED INFORMATION RECEIVE EVENT RECEIVED ? S508 YES NO SET BUTTON **S520 ANALYZE CONTENTS** PRESSED? RELATED INFORMATION YES S525 S509^ ZAPPING STREAM REQUEST CONTENTS MENU CONFIGURING PROCESS SCREEN DATA S512 -S526 **CONTENTS REPLAY** CONTENTS **PROCESS** NO MENU SCREEN DATA RECEIVED? S527 NO YES END? S513<sup>^</sup> CONFIGURE AND DISPLAY YES CONTENTS MENU SCREEN **END** 

23/27 FIG. 23 **START** - S700 **SELECT CONTENTS** TO BE ACQUIRED - S701 **REQUEST CONTENTS** S702 NO CONTENTS RECEIVED YES S903 **PREDETERMINED** NO REPLY TIME REACHED ICEC-Calo. - 1 427257 YES **S704 TEMPORARY STOP** S705 CONFIGURATION OF ZAPPING STREAM **COMPLETED?** YES 1 TO BE -S706 GENERATE SUPPLEMENTARY **INFORMATION** -S707 WRITE DATA **END** 

